

# **Modern C4I systems:**

# BURDEN OR BENEFIT?



maintaining the data needed, and c including suggestions for reducing	lection of information is estimated to ompleting and reviewing the collecti this burden, to Washington Headquuld be aware that notwithstanding an OMB control number.	ion of information. Send comments arters Services, Directorate for Info	regarding this burden estimate or rmation Operations and Reports	or any other aspect of the property of the contract of the con	nis collection of information, Highway, Suite 1204, Arlington	
1. REPORT DATE 01 DEC 2005		2. REPORT TYPE N/A		3. DATES COVERED		
4. TITLE AND SUBTITLE				5a. CONTRACT NUMBER		
Modern C4I Systems: BURDEN OR BENEFIT?				5b. GRANT NUMBER		
				5c. PROGRAM ELEMENT NUMBER		
6. AUTHOR(S)				5d. PROJECT NUMBER		
				5e. TASK NUMBER		
				5f. WORK UNIT NUMBER		
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)  Staff 1 GE/NL Corps Hindenburgplatz 71 48143 Muenster GERMANY				8. PERFORMING ORGANIZATION REPORT NUMBER		
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)		
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)		
12. DISTRIBUTION/AVAIL Approved for publ	LABILITY STATEMENT ic release, distributi	on unlimited				
	35, RTO-MP-IST-0- rchitectures C4ISR				U	
14. ABSTRACT						
15. SUBJECT TERMS						
16. SECURITY CLASSIFIC	17. LIMITATION OF ABSTRACT	18. NUMBER OF PAGES	19a. NAME OF RESPONSIBLE PERSON			
a. REPORT unclassified	b. ABSTRACT unclassified	c. THIS PAGE unclassified	UU	17	RESPONSIBLE PERSON	

**Report Documentation Page** 

Form Approved OMB No. 0704-0188

#### IT CREDENTIALS:



PHILIPS PDP 11

SCHNEIDER (2x FD NO HD)

**INTEL PENTIUM 2** 

**HP JORNADA** 



#### MILITARY CREDENTIALS:





#### HQ 1 GE/NL CORPS (est 1995)



- **\* 2 FRAMEWORK NATIONS**
- \* 10 NATIONALITIES
- **\*** HRF HQ (2002)
- **\*** HQ ISAF III (2003)
- \* NRF (2004/2005)





### **HQ's C4I EXPERIENCE**





## TITAAN HEROS



### C4I REQUIREMENTS





### C4I REQUIREMENTS











#### **INFORMATION ILLUSION**



#### C41 TRIPWIRES





**MICROMANAGEMENT** 

#### C41 TRIPWIRES













**INFORMATION OVERLOAD** 

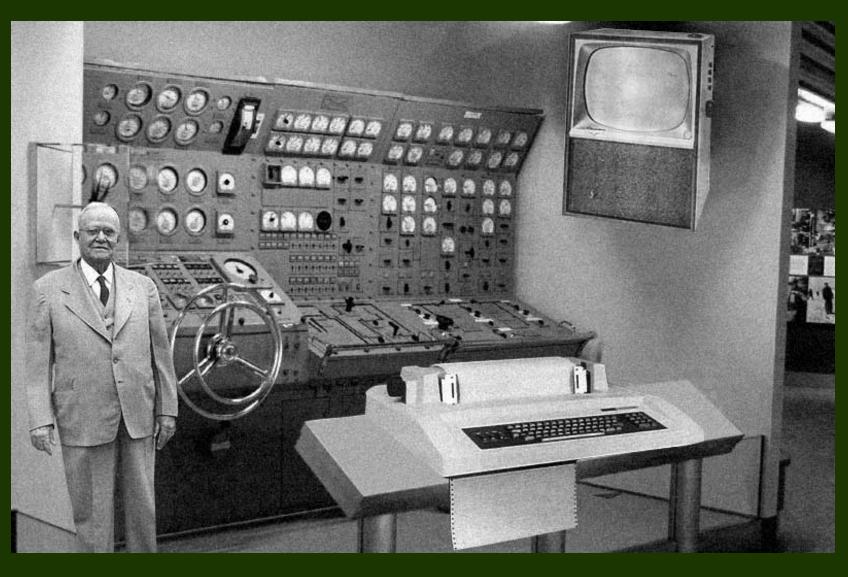


#### **SPEED OF DECISION**









#### CONCLUSION





C4I: BURDEN OR BENEFIT?

#### MODERN C4I: BURDEN OR BENEFIT?







#### **Modern C4I Systems: BURDEN OR BENEFIT?**

BGen. Rob Bertholee Staff 1 GE/NL Corps Hindenburgplatz 71 48143 Muenster GERMANY

racb@chello.nl

This paper was received as a PowerPoint presentation without supporting text.

Presented at the RTO IST Symposium on "Coalition C4ISR Architectures and Information Exchange Capabilities", held in The Hague, The Netherlands, 27-28 September 2004, and published in RTO-MP-IST-042.

### \$ 18

Modern C4I Systems: BURDEN OR BENEFIT?

